NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT

USDA, NASS
North Dakota
Field Office

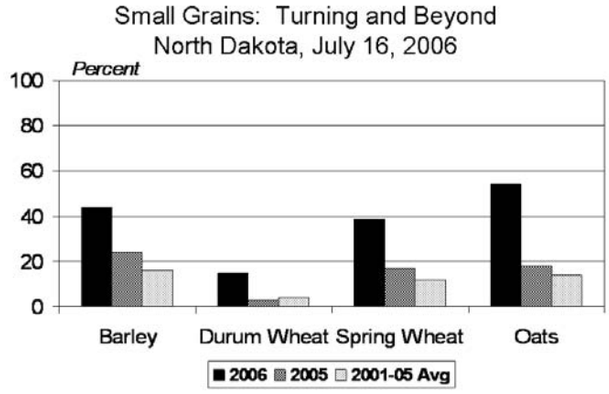
Cooperating With:
NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
ND AG WEATHER NETWORK (NDAWN)
and
UND AEROSPACE REGIONAL WEATHER
INFORMATION CENTER

Released: July 17, 2006
For Week Ending: July 16, 2006
ND-CW2806

General: Dry conditions and extreme heat continued the decline of crop condition ratings, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. All crop condition ratings declined and were rated below last year and average. Good to excellent ratings for corn and soybeans fell significantly, dropping 25 and 21 percentage points from the previous week, respectively. Limited precipitation and above normal temperatures further depleted available soil moisture. Topsoil moisture supplies were rated 45 percent very short, 42 short and 13 adequate, compared with the five-year (2001-2005) average of 7 percent very short, 16 short, 66 adequate and 11 surplus. Statewide, on average, there were 6.8 days suitable for fieldwork.

Crops: Small grain harvest began last week, at least a week ahead of the average pace. Excessive heat pushed development of all other crops ahead of average. Spring wheat, at 81 percent in the milk stage and 39 percent turning, was more than a week ahead of average. Durum wheat, at 43 percent in the milk stage, was more than a week ahead of average. Barley and oats were 44 and 54 percent turning, respectively, both ahead of last year and average. Corn silking advanced to 30 percent complete. Soybeans blooming, at 91 percent complete, gained 42 percentage points from the previous week.

Livestock: Reporters indicated livestock producers were looking to harvest CRP hay due to poor regrowth of pasture and ranges. Pasture and range conditions were rated 32 percent very poor, 30 poor, 26 fair and 12 good. Stockwater supplies were rated 25 percent very short, 32 short and 43 adequate. The first cutting of alfalfa was 99 percent complete, while second cutting was 32 percent complete. Other hay harvested was 75 percent complete. The hay crop condition was rated 29 percent very poor, 28 poor, 25 fair, 17 good and 1 excellent.



Crop and Pasture Condition
North Dakota, Week Ending July 16, 2006

Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	*Percent*	*Percent*	*Percent*	*Percent*
Barley	8	18	37	35	2
Durum Wheat	5	17	38	38	2
Spring Wheat	12	23	34	29	2
Oats	30	26	24	18	2
Canola	5	13	33	40	9
Corn	9	22	33	34	2
Dry Edible Beans	2	19	42	36	1
Dry Edible Peas	6	16	33	42	3
Flaxseed	6	14	45	34	1
Potatoes	8	19	34	35	4
Soybeans	3	16	39	38	4
Sugarbeets	2	13	30	52	3
Sunflower	11	15	33	39	2
Pasture and Range	32	30	26	12	0

Crop Development Progress
North Dakota, Week Ending July 16, 2006 *1/ 2/*

Crop	Week Ending			2001-2005 Avg
	July 16, 2006	July 9, 2006	July 16, 2005	
	Percent	*Percent*	*Percent*	*Percent*
BARLEY				
Headed	98	86	89	84
Milk	81	52	61	50
Turning	44	16	24	16
Harvested	2	NA	0	0
DURUM WHEAT				
Boot	96	81	87	79
Headed	81	51	68	58
Milk	43	17	29	22
Turning	15	5	3	4
SPRING WHEAT				
Headed	97	88	90	83
Milk	81	50	55	45
Turning	39	14	17	12
Harvested	1	NA	0	0
OATS				
Headed	98	83	89	84
Milk	82	56	61	51
Turning	54	23	18	14
Harvested	5	0	0	0
CANOLA				
Blooming	96	89	99	94
Turning	25	6	12	8
CORN				
Silking	30	7	7	9
DRY EDIBLE BEANS				
Blooming	84	44	39	34
Setting Pods	34	8	13	5
DRY EDIBLE PEAS				
Mature	41	7	9	NA
FLAXSEED				
Blooming	95	82	89	72
Turning	16	3	5	2
POTATOES				
Blooming	97	84	62	65
Rows Filled	71	53	33	43
SOYBEANS				
Blooming	91	49	45	40
Setting Pods	40	6	7	7
SUNFLOWER				
Blooming	8	5	2	1

1/ Crop development percents represent all acreage in or beyond each stage.
2/ Progress is based on current intended acreage. NA = Not Available

~ Compiled and Published by ~
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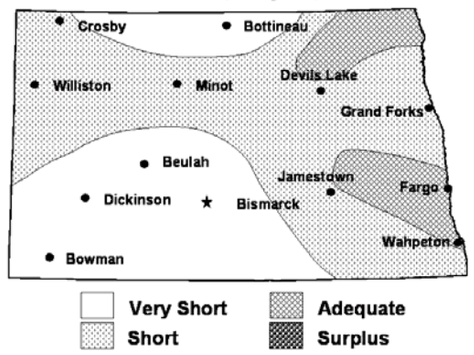
CROP WEATHER

Soil Moisture Supplies
North Dakota, July 16, 2006 with Comparisons

Date	Week Ending			2001-2005 Avg
	July 16, 2006	July 9, 2006	July 16, 2005	
	Percent	*Percent*	*Percent*	*Percent*
Topsoil				
Very Short	45	31	1	7
Short	42	45	9	16
Adequate	13	24	73	66
Surplus	0	0	17	11
Subsoil				
Very Short	31	21	2	8
Short	45	41	6	15
Adequate	24	37	75	66
Surplus	0	1	17	11

Topsoil Moisture Supplies
North Dakota, July 16, 2006



Weather: It was a very hot week across the state of North Dakota. Temperatures were well above seasonal normals. The main jet stream was positioned well north into Canada creating ideal conditions for very hot temperatures. Record high temperatures were tied or broken in several locations throughout the week. Much needed rain did fall across some areas on Tuesday and into Wednesday. The week started off mild with highs in the 70s northeast to near 90 in the southwest. The heat slowly intensified as the week progressed, with highs in the 90s statewide. Temperatures climbed into the low 100s in the south central parts of the state on Tuesday and Wednesday. The warmest temperatures occurred on Saturday as several locations in the southern half of the state reached the low to mid-100s.

Outlook, July 17-23: Cooler temperatures will start off the week. A large area of high pressure will settle south out of Canada and bring cooler and less humid conditions across the state on Monday. Highs will be in the low 80s northeast to near 90 degrees south and west. Strong southerly winds behind the high pressure will warm temperatures a bit on Tuesday with highs approaching 100 degrees in the south and west to the upper 80s east. An upper level trough will move across the state and bring a chance of showers and thunderstorms to most areas late on Tuesday and in the southeastern areas on Wednesday; otherwise, drier conditions and slightly cooler temperatures should return as another area of high pressure builds in. Dry conditions should prevail through the rest of the week and into the weekend. Temperatures will be warm with highs generally in the 80s statewide.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending July 16, 2006

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1 [1/]		
	Past Week	Depart Normal [2/]	Past Week	Total	Depart Normal [2/]
	(Degrees F)	*(Degrees F)*	*(Inches)*	*(Inches)*	*(Inches)*
Northwest(1)	72	4	0.40	5.45	-2.38
N. Central(2)	70	3	0.67	4.00	-4.31
Northeast (3)	72	3	0.26	4.16	-4.00
W. Central(4)	76	7	0.61	5.63	-2.66
Central (5)	73	3	0.21	5.37	-2.87
E. Central(6)	74	4	0.00	4.15	-4.96
Southwest(7)	77	7	0.09	6.74	-1.52
S. Central(8)	77	7	0.01	4.05	-4.25
Southeast(9)	77	7	0.04	6.14	-3.19

1/ Precipitation amounts may vary due to an inaccurate snowfall melt. 2/ Normal is the 1971-2000 average. NA=Not available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending July 16, 2006

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1 [1/]		
	High	Low	Past Week	Total	Depart Normal [2/]
	(Degrees F)	*(Degrees F)*	*(Inches)*	*(Inches)*	*(Inches)*
(1) Bowbells	91	50	0.00	4.88	-3.20
Williston	98	59	0.01	6.84	0.21
Mohall	92	47	0.13	5.26	-2.75
Minot	96	49	0.26	4.84	-3.77
(2) Baker	96	48	0.67	4.26	-3.88
Bottineau	93	45	0.50	4.09	-4.29
Rugby	96	45	0.84	3.64	-4.76
(3) Cando	94	46	0.18	4.86	-2.90
Cavalier	94	54	0.47	4.33	-3.95
Forest River	96	53	0.64	3.76	-4.56
Grand Forks	93	53	0.00	4.34	-3.49
Langdon	93	50	0.25	4.42	-3.99
St. Thomas	95	51	0.03	3.24	-5.08
(4) Hazen	104	50	0.87	5.26	-3.43
Turtle Lake	100	50	0.92	4.47	-4.08
Watford City	99	57	0.03	7.16	-0.48
(5) Carrington	100	47	0.40	6.61	-2.90
Harvey	98	43	0.18	4.19	-2.63
Jamestown	101	47	0.00	5.13	-3.33
Robinson	100	47	0.32	5.43	-3.03
Streeter	103	50	0.16	5.51	-2.48
(6) Dazey	99	47	0.00	4.36	-4.65
Fargo	101	51	0.00	4.18	-4.97
Hillsboro	96	54	0.00	3.92	-5.26
(7) Beach	98	52	0.05	7.16	-0.61
Bowman	102	52	0.01	7.59	-0.60
Dickinson	101	55	0.30	6.92	-1.79
Hettinger	104	54	0.00	5.29	-3.09
(8) Mandan	103	51	0.01	3.76	-4.73
Linton	105	52	0.00	4.34	-3.77
(9) Edgeley	108	49	0.00	6.14	-2.90
Oakes	105	50	0.01	6.78	-2.28
Wyndmere	104	51	0.10	5.49	-4.40

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